

WHAT IS CLAIMED IS:

1. A printer for printing as received print job data,  
comprising:

time count means of means requiring setting of reference  
5 date and time and means for measuring the elapsed time since  
the date and time at which the reference date and time were  
set and outputting the date and time resulting from adding the  
measured elapsed time to the reference date and time as the  
current date and time;

10 allowable time storage means for storing allowable time  
set by a user;

rewritable nonvolatile information storage means;

event relevant information preparation means for  
preparing event relevant information containing the current  
15 date and time obtained from said time count means each time  
occurrence of one event is detected, and storing the event  
relevant information in said information storage means; and

date and time adjustment means for repeating date and  
time setting processing of acquiring the current date and time  
20 from each of an external apparatus having a function of  
outputting the current date and time and said time count means  
and setting the current date and time obtained from the external  
apparatus in said time count means as the reference date and  
time, whenever said date and time adjustment means executes  
25 the date and time setting processing, said date and time

adjustment means for determining the next execution date and time of the date and time setting processing so that the possible difference between the expected current date and time which will be obtained from the external apparatus and the expected current date and time which will be obtained from said  
5 time count means at the next date and time setting processing execution time becomes equal to or less than the allowable time based on the current date and time obtained from the external apparatus, the current date and time obtained from said time  
10 count means, the elapsed time since the previous execution date and time of the date and time setting processing, and the allowable time stored in said information storage means.

2. A printer according to claim 1, said printer having  
15 a function of preparing printed matter of several pieces of event relevant information stored in said information storage means.

3. An information processing apparatus comprising:  
20 time count means of means requiring setting of reference date and time and means for measuring the elapsed time since the date and time at which the reference date and time were set and outputting the date and time resulting from adding the measured elapsed time to the reference date and time as the  
25 current date and time;

allowable time storage means for storing allowable time set by a user; and

date and time adjustment means for repeating date and time setting processing of acquiring the current date and time from each of an external apparatus having a function of outputting the current date and time and said time count means and setting the current date and time obtained from the external apparatus in said time count means as the reference date and time, when said date and time adjustment means executes the date and time setting processing at the second time, said date and time adjustment means for determining the execution cycle of the date and time setting processing so that the possible difference between the expected current date and time which will be obtained from the external apparatus and the expected current date and time which will be obtained from said time count means at the next or later date and time setting processing execution time becomes equal to or less than the allowable time based on the current date and time obtained from the external apparatus, the current date and time obtained from said time count means, the elapsed time since the previous execution date and time of the date and time setting processing, and the allowable time stored in said information storage means.

4. An information processing apparatus according to

claim 3, wherein whenever said date and time adjustment means  
executes the date and time setting processing, said date and  
time adjustment means determines the next execution date and  
time of the date and time setting processing so that the  
5 possible difference between the expected current date and time  
which will be obtained from the external apparatus and the  
expected current date and time which will be obtained from said  
time count means at the next date and time setting processing  
execution time matches the allowable time based on the current  
10 date and time obtained from the external apparatus, the current  
date and time obtained from said time count means, the elapsed  
time since the previous execution date and time of the date  
and time setting processing, and the allowable time stored in  
said information storage means.

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5. An information processing apparatus according to  
claim 3 further comprising:

rewritable nonvolatile information storage means; and

event relevant information preparation means for

20 preparing event relevant information containing the current  
date and time obtained from said time count means each time  
occurrence of a predetermined event is detected, and storing  
the event relevant information in said information storage  
means, wherein

25 when executing the date and time setting processing, said

date and time adjustment means also adjusts each current date and time indicating the date and time after the previous execution date and time of the date and time setting processing in the current date and time stored in said information storage means as an element of the event relevant information to the current date and time in the external apparatus by performing calculation processing using the current date and time obtained from the external apparatus, the current date and time obtained from said time count means, the previous execution date and time of the date and time setting processing, and the elapsed time since the previous execution date and time.

6. An information processing apparatus comprising:  
time count means of means requiring setting of reference date and time and means for measuring the elapsed time since the date and time at which the reference date and time were set and outputting the date and time resulting from adding the measured elapsed time to the reference date and time as the current date and time;

allowable time storage means for storing allowable time set by a user; and

date and time adjustment means for repeating date and time setting processing of acquiring the current date and time from each of an external apparatus having a function of outputting the current date and time and said time count means

and setting the current date and time obtained from the external apparatus in said time count means as the reference date and time, whenever said date and time adjustment means executes the date and time setting processing, said date and time  
5 adjustment means for determining the next execution date and time of the date and time setting processing so that the possible difference between the expected current date and time which will be obtained from the external apparatus and the expected current date and time which will be obtained from said  
10 time count means at the next date and time setting processing execution time becomes equal to or less than the allowable time based on the current date and time obtained from the external apparatus, the current date and time obtained from said time count means, the elapsed time since the previous execution date  
15 and time of the date and time setting processing, and the allowable time stored in said information storage means.

7. An information processing apparatus according to claim 6, wherein whenever said date and time adjustment means  
20 executes the date and time setting processing, said date and time adjustment means determines the next execution date and time of the date and time setting processing so that the possible difference between the expected current date and time which will be obtained from the external apparatus and the  
25 expected current date and time which will be obtained from said

time count means at the next date and time setting processing execution time matches the allowable time based on the current date and time obtained from the external apparatus, the current date and time obtained from said time count means, the elapsed  
5 time since the previous execution date and time of the date and time setting processing, and the allowable time stored in said information storage means.

8. An information processing apparatus according to  
10 claim 6 further comprising:

rewritable nonvolatile information storage means; and  
event relevant information preparation means for preparing event relevant information containing the current date and time obtained from said time count means each time  
15 occurrence of a predetermined event is detected, and storing the event relevant information in said information storage means, wherein

when executing the date and time setting processing, said date and time adjustment means also adjusts each current date  
20 and time indicating the date and time after the previous execution date and time of the date and time setting processing in the current date and time stored in said information storage means as an element of the event relevant information to the current date and time in the external apparatus by performing  
25 calculation processing using the current date and time obtained

from the external apparatus, the current date and time obtained from said time count means, the previous execution date and time of the date and time setting processing, and the elapsed time since the previous execution date and time.